LISTING OF CLAIMS

1.   (currently amended) A method for generating a digital
       signature in a signature device having a signature
       program and certificate with signature key stored
       thereon for the signing of a document, wherein the
       digital signature identifies <u>said device and</u> at least
       one characteristic of <u>the hardware and software</u>
       <u>environment used for generating said digital signature</u>
       <u>in</u> said signature device, comprising the steps of:

       a)   receiving input information to said signature
       device; and

       b)   executing said signature program by the steps of:
       creating a signature data set comprising at least the
       received information, <u>an identifier to identify said</u>
       <u>signature device,</u> at least one identifying
       characteristic <u>of the hardware and software environment</u>
       <u>used for generating said digital signature</u> ~~to identify~~
       ~~said signature device~~, and a document extract value of
       the document for signing; and creating an expanded

digital signature by encrypting the signature data set
with the aid of a signature key stored in said
certificate.

2.   (previously presented) The method in accordance with
      Claim 1, wherein said receiving input information
      comprises procuring the value of a signature counter
      from said signature device.

3.   (original) The method in accordance with Claim 2,
      further comprising, prior to said procuring, creating
      the signature counter as an attribute of the signature
      key.

4.   (previously presented) The method in accordance with
      Claim 1 wherein the receiving input information
      comprises procuring the identifying characteristic to
      identify the signature device from said signature
      device.

5.   (previously presented) The method in accordance with
      Claim 1, wherein the receiving input information
      comprises procuring information as to the hardware and

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software environment used in creating the digital
signature.

6.   (currently amended) The method in accordance with Claim
        1, further comprising entering an identifying
        characteristic to identify a ~~the~~ holder of the
        signature key prior to said receiving input
        information.

7.   (original) The method in accordance with Claim 6,
        further comprising creating the identifying
        characteristic to identify the holder of the signature
        key as an attribute of the signature key.

8.   (original) The method in accordance with Claim 7,
        further comprising changing the identifying
        characteristic to identify the holder of the signature
        key prior to said receiving.

9.   (currently amended) An electronic signature device for
        generating a digital signature to sign a document
        comprising:

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a)   a receiver for receiving input information;

b)   at least one storage location for storing at least a signature program and a certificate with signature key;

c)   a data processor component for executing said signature program comprising at least a component for creating a signature data set comprising at least the received information, an identifier to identify said signature device, at least one identifying characteristic of the hardware and software environment used for generating said digital signature identifying the signature device, and a document extract value of the document for signing; and

d)   an encryption component for creating an expanded digital signature by encrypting the signature data set with the aid of a signature key stored at said signature device.

10.   (original) The signature device in accordance with Claim 9, wherein the device is a chipcard.

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11.   (currently amended) A program storage device readable

by machine, tangibly embodying a program of

instructions executable by the machine to perform

method steps for generating a digital signature to sign

a document in a signature device having a signature

program and certificate with signature key stored

thereon, said method steps comprising:

a)   receiving input information to said signature

device; and

b)   executing said signature program by the steps of:

creating a signature data set comprising at least the

received information, an identifier to identify said

signature device, at least one identifying

characteristic of the hardware and software environment

used for generating said digital signature for

identifying said signature device, and a document

extract value of the document for signing; and creating

an expanded digital signature by encrypting the

signature data set with the aid of a signature key

stored in said certificate.

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12. (canceled)

13. (currently amended)   The ~~improvement~~ method in
accordance with Claim ~~12~~ 1, wherein <u>said at least one
identifying characteristic</u> ~~the additional information~~
comprises information which uniquely identifies <u>said digital
signature</u> ~~it~~ in relation to every other digital signature
generated with the same signature key.

14-15. (canceled)

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